REMARKS

In accordance with the foregoing, the specification and claims 1, 2, 4, 5, 9, and 18 have been amended to improve clarity of the recitations provided therein. Claim 1 stands rejected and claims 2-19 stand in condition for allowance.

Claims 1-19 are pending and under consideration.

OBJECTIONS TO THE DRAWINGS:

In the Office Action, at page 2, the drawings were objected to. FIGS. 6, 16, 17A-17D, and 18 have been labeled as "PRIOR ART." Therefore, the outstanding drawing objections should be resolved.

Regarding FIG. 5, according to page 2 of the present application, lines 22-25, "The binary control of the potential of the data electrodes A_1-A_M utilizes a switching circuit having a push-pull structure **according to an embodiment of the present invention** as shown in Fig. 5." Emphasis added. Further, on page 13, lines 1-6, of the present application, "As shown in Fig. 5, the above-mentioned output control circuit 121 is a set of logic circuits 201, each of which is provided for each of the data electrodes A_1-A_M.

In addition, the output circuit 131 is also a set of switching circuits 301, each of which is provided for each of the data electrodes A_1-A_M." Although the switching circuit 301 shown in FIG. 5 includes a push-pull circuit, except for the push-pull circuit, the structure shown in FIG. 5 is novel, and accordingly, not well known in the art at the time the present application was filed.

It is respectfully requested that the objection to FIG. 5 be withdrawn.

REJECTION UNDER 35 U.S.C. § 102:

In the Office Action, at page 1, claim 1 is rejected under 35 U.S.C. § 102 in view of Prior Art FIGS. 5, 16, and 20. This rejection is traversed and reconsideration is requested.

According to an aspect of the present invention, a technique is provided relating to a display pattern in which a relationship of data between neighboring cells meets specific conditions. The specific conditions are recited in claim 1, for instance, "n-th display data as well as (n+1)th display data are different between the neighboring data electrodes and n-th display

data are different from (n+1)th display data in each of the data electrodes." In a case of a display of an optional image, a display pattern meeting the specific conditions mentioned above often appears. Accordingly, it is natural that a component corresponding to the specific conditions in claim 1 is described in "Description of the Related Art" in the Specification of the present application.

As discussed above, however, the structure shown in FIG. 5, except for the push-pull circuit, presents a control unique as an aspect of the present invention. The recitation "stored charge due to capacitance between the neighboring data electrodes is discharged by connecting one of the data electrodes to a power source line and by connecting the other data electrode to the power source line via a forward direction diode before switching the potential corresponding to the n-th display data to the potential corresponding to the (n+1)th display data," recited in independent claim 1 is not the same as the one provided in the description of the prior art.

Accordingly, it is respectfully requested that the rejection to claim 1 be withdrawn and that the claim be allowed.

CONCLUSION:

In accordance with the foregoing, it is respectfully submitted that all outstanding objections and rejections have been overcome and/or rendered moot, and further, that all pending claims patentably distinguish over the prior art. There being no further outstanding objections or rejections, the application is submitted as being in condition for allowance, which action is earnestly solicited.

If the Examiner has any remaining issues to be addressed, it is believed that prosecution can be expedited by the Examiner's contacting the undersigned attorney for a telephone interview to discuss resolution of such issues.

If there are any underpayments or overpayments of fees associated with the filing of this Amendment, please charge and/or credit the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: ____September 7, 2004____ By: _____

Alicia M. Choi
Registration No. 46, 621

1201 New York Avenue, NW, Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501